

RS&A Online Training

CRIME SCENE & EVIDENCE PHOTOGRAPHY

Instructor: Scott Campbell
36 Hours | \$600.00 | 90 Day Access



TO REGISTER VISIT US ONLINE AT: WWW.RONSMITHANDASSOCIATES.COM

Are you comfortable in knowing what photos should be taken at different types of crime scenes or serious accidents, how to utilize the “Rule of Three” and understand why it should be used?

Do you understand why and when evidence markers or accurate scales are needed when photographing a crime scene or piece of evidence, and its correct placement?

Do you know how to utilize the techniques of “time photography” and “painting with light” to turn a dark nighttime crime scene into what appears to be a daylight scene, and how to apply them to other situations and evidence?

Do you know how to reduce or eliminate glare from window and vehicle glass, display cabinets, video/TV monitors, cell phones and even make the glass disappear in your photographs?

Do you know the proper techniques to photograph specific types of evidence such as footwear and tire impressions, blood enhancement chemicals including Bluestar, bullet path and strikes, and morgue evidence?

Are you currently good at performing close up or Macro photography, and can you correct for lighting conditions, glare, depth of field issues and clarity?

If you answered “No” to one or more of the above questions and in general would like to create better crime scene and evidence photographs, this course will help you.

THE PURPOSE AND TARGET AUDIENCE

This course is designed for personnel who need to document crime scenes in more difficult lighting conditions, and hard to photograph types of related evidence. These more advanced techniques would typically be used by evidence technicians or crime scene specialists for specific types of evidence.

In order to get the most out of this course, you should already understand the basic operations of a digital camera and flash. This course will include a brief review of basic controls including shooting modes, focus, exposure controls and compensation, lens/perspective distortion, white balance and flash usage. ***NOTE: If you do not have a very good understanding of the basic camera controls/topics just listed, it is highly recommended that you take the course “Essential Camera Operations and Controls” before this course or you could have difficulty understanding and proceeding through this more advanced course.***

THE NEED

When more serious crime scenes occur, more serious photography techniques are needed, especially for critical pieces of evidence that can help solve or prove a case in court. You will not only need to show investigators, attorneys, juries, and evidence experts the general scene itself, but in many cases specific views of critical pieces of evidence.

Every situation has different lighting conditions whether photographing an entire scene or a close up of a fingerprint. As the photographer responsible for capturing the highest quality image, you need to have the knowledge of how to create the highest quality work product, especially for expert examiners who will work off of the photograph you produce.

This course will teach you how to use various techniques to create better general scene and specific evidence photographs.

TOPICS COVERED IN THIS COURSE

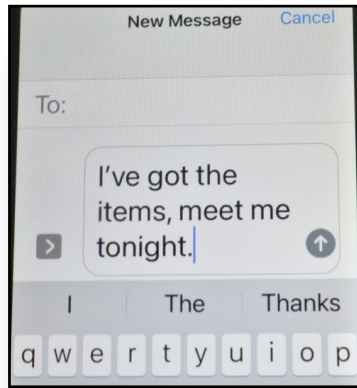
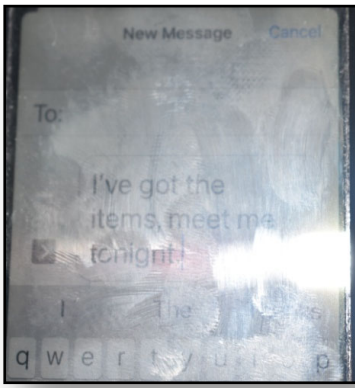
General review of camera features and controls
A critique of sample images and how to improve them
Archiving and documentation procedures of images
Equipment care and set up procedures
Scene photography and composure (Rule of Three)
Injury photography
Time photography
Painting with light
Two and three dimensional footwear/tire impression photographic techniques
Glass and glare techniques
Photographing chemical blood enhancement including Bluestar

Shooting scene evidence photography techniques
Close up and Macro photography techniques
Tips and techniques for latent print photography

EXAMPLE PHOTOS

HERE ARE A FEW EXAMPLES OF TYPICAL RESULTS (BEFORE) FOLLOWED BY IMPROVED QUALITY (AFTER) IMAGES USING TECHNIQUES YOU WILL LEARN IN THIS COURSE





YOUR INSTRUCTOR

Scott Campbell is a 28-year veteran of the City of Milwaukee, Wisconsin Police Department, retiring as an Identification Supervisor and Shift Commander for their Identification Division in 2006. Scott started his career in uniform patrol and then was assigned to a variety of specialized units including the Tactical Enforcement Unit, or S.W.A.T., where he was utilized as one of the lead instructors.

In 1994 Scott transferred to the Identification Division where he began his crime scene, evidence photography and fingerprint identification career as an Identification Technician. In 2001 he was promoted to Supervisor and was appointed the Division's Training Coordinator where he developed instructional programs and trained new technicians, recruit officers, detectives and supervisors for the department. In addition to his work related practical experience, Scott has received more than 800 hours of training in the fields of forensic identification, crime scene processing and management, evidence photography, and instructor development.

With more than 25 years of experience as a crime scene technician, fingerprint identification specialist and instructor, Scott has provided approximately 300 specialized training courses and lectures in over 35 different states. He has provided training for Ron Smith and Associates; State of Wisconsin Technical Colleges; North East Multi-Regional Training (Illinois); and The University of Arkansas – Criminal Justice Institute. He is a Life Active member of the International Association for Identification and member the Wisconsin Association for Identification. Scott has an Associate Degree in Police Science and has been certified by the International Association for Identification as a Senior Crime Scene Analyst. He has served as a member of the IAI's Forensic Photography and Electronic Imaging Science and Practice Sub-Committee.

IAI APPROVED

This RS&A online course is approved by the following International Association for Identification Certification Boards:

- ***The Crime Scene Certification Board approves 36 training hours.***
***** Crime Scene continuing education credits only apply to Crime Scene re-certification.***
- ***The Forensic Photography Certification Board approves 36 training hours.***
- ***The Footwear Certification Board approves 36 training hours.***
- ***The Latent Print Certification Board approves 12 training hours.***
***** Continuing education credits apply to both certification and re-certification.***

COURSE OUTLINE

1. Course Introduction

- a. What is this course about and are you prepared to take this course?
- b. Course topics
- c. Equipment and items needed for this course

2. Review of Camera Features and Controls

- a. Auto mode verses Manual
- b. Auto focus verses Manual
- c. Image sensor size
- d. Lens focal length and distortion
- e. Exposure and compensation
- f. Shutter speed
- g. Aperture and depth of field
- h. ISO
- i. Light meter

- j. White balance
- k. Flash techniques
- l. Self-timer and remote shutter control

3. Sample Image Review and Critique

- a. Minor changes to improve an image
- b. Exposure improvements
- c. Depth of field improvements
- d. Glare and reflection improvements

4. Archiving Images and Documentation

- a. Archiving procedures
- b. Photo ID cards
- c. Photographic log

5. Equipment Care and Camera Set Up

- a. Equipment care – rain and snow
- b. Set up steps for a camera before use
- c. ISO Automatic and sleep settings

6. Scene Photography and Composure

- a. Evidence markers
- b. Evidence scales
- c. Fields of view – “Rule of Three”
- d. Overall view
- e. Medium view
- f. Close up view

Exercise 1 – Composure (Rule of Three)

- g. Exercise review and summary

7. Fields of View – Injuries

- a. Rule of three
- b. Draping

Exercise 2 – Injury Photography

8. Serious Accident Scenes

- a. General procedures
- b. Scene identifiers, contributing factors and evidence
- c. Vehicle photos

9. Time Photography

- a. What is time photography and where is it used
- b. Time exposure set up procedures and benefits

Exercise 3 – Time Photography

- c. Exercise review and summary
- d. Other uses: fluorescent, body fluids, hairs & fibers, luminol, TV screens, monitors and cell phones

Exercise 4 – Time/Glare Photography

10. Painting with Light

- a. What is painting with light and where is it used
- b. Painting with light set up procedures and benefits using hot shoe flash
- c. Painting with light set up procedures and benefits using a flashlight

Exercise 5 – Painting with Light

- d. Exercise review and summary

11. Impression Evidence - Footwear and Tire Tracks

12. 3-Dimensional Footwear and Tire Track Photography

- a. Camera set up procedures for 3 dimensional impressions
- b. Off camera flash positions and images needed
- c. Tips for proper set up

Exercise 6 – 3-Dimensional Footwear Part 1

- d. Painting footwear with light using a flashlight

Exercise 7 – 3-Dimensional Footwear Part 2

13. 2-Dimensional Footwear and Tire Track Impression Photography – 10 MIN

- a. Camera set up procedures for 2 dimensional impressions
- b. Off camera flash positions, tips and images needed

Exercise 8 – 2-Dimensional Footwear Part 1

- c. Painting footwear with light using a flashlight

Exercise 9 – 2-Dimensional Footwear Part 2

14. Tire Tread Pattern Photography

- a. photographic set up and procedures

15. Glass and Glare

- a. Window glass and display cabinets
- b. Vehicle glass
- c. Camera set up and procedures
- d. Additional tips and things to remember

Exercise 10 – Glass Part 1

Exercise 11 – Glass Part 2

- e. Polarizer filters
- f. VIN numbers

16. Photography of Blood Enhancement

- a. Why take the photos?
- b. Enhanced bloody impression on ceramic tile
- c. Enhanced bloody impression on carpeting
- d. Bloody impressions enhanced with luminol type products
- e. Camera set up and photographic procedures

17. Shooting Scene Evidence Photography

- a. Projectile (bullet) impact evidence
- b. Bullet flight path – String Technique
- c. Bullet flight path – Rod Technique
- d. Bullet flight path – Laser Technique
- e. Dead body, autopsy or morgue photography
- f. Victim's clothing
- g. Deceased photos needed, tips and techniques

18. Close up and Macro Photography

- a. What is it and when is it used
- b. Macro photography set up procedures
- c. Depth of field issues
- d. Scales
- e. Lens
- f. Lighting source and angle
- g. Lighting tips and tricks

Exercise 12 – Macro Photography Part 1

Exercise 13 – Macro Photography Part 2

19. Tips and Techniques for Latent Print Photography

- a. Camera position
- b. Proper use of scales
- c. Proper exposure
- d. Bounce lighting techniques
- e. Photographing a latent on a mirror surface

Reminder - Summary of camera set up procedures

Written Exam

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Visit <http://www.RonSmithandAssociates.com> to register for this online course. This online course is on-demand. No waiting...simply register, pay your tuition, and start learning!